

Such price includes, but is not limited to, excavation and backfilling, removal of a portion of the existing structure, brick masonry, mortar, grout, concrete, reinforcing steel, fittings, furnishing and hauling asphalt plant mix and any other materials and placing, maintaining, removing and disposing of traffic ramps.

Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Adjustment of Catch Basins	Each
Adjustment of Drop Inlets	Each
Adjustment of Manholes	Each
Adjustment of Meter Boxes or Valve Boxes	Each

## SECTION 859 CONVERTING EXISTING CATCH BASINS, DROP INLETS AND JUNCTION BOXES

### 859-1 DESCRIPTION

Convert existing catch basins, drop inlets and junction boxes to catch basins, drop inlets or junction boxes, including all necessary construction and reconstruction in accordance with the contract.

### 859-2 MATERIALS

Refer to Division 10.

<b>Item</b>	<b>Section</b>
Brick	1040-1
Concrete Block	1040-2
Curing Agents	1026
Joint Fillers	1028-1
Joint Sealers	1028-3
Mortar	1040-9
Portland Cement Concrete, Class B	1000
Reinforcing Steel	1070
Steps	1074-8
Stone, No. 78M	1005
Structural Steel	1072

### 859-3 CONSTRUCTION METHODS

Perform work in accordance with Article 840-3 and the details shown in the plans. Raise or lower the existing catch basins and drop inlets as required by the plans and provisions.

### 859-4 MEASUREMENT AND PAYMENT

*Convert Existing Catch Basin to Junction Box* will be measured and paid in units of each drainage structure that has been acceptably converted.

*Convert Existing Catch Basin to Drop Inlet* will be measured and paid in units of each drainage structure that has been acceptably converted.

*Convert Existing Catch Basin to Junction Box with Manhole* will be measured and paid in units of each drainage structure that has been acceptably converted.

*Convert Existing Drop Inlet to Junction Box* will be measured and paid in units of each drainage structure that has been acceptably converted.

*Convert Existing Drop Inlet to Catch Basin* will be measured and paid in units of each drainage structure that has been acceptably converted.

## Section 862

*Convert Existing Drop Inlet to Junction Box with Manhole* will be measured and paid in units of each drainage structure that has been acceptably converted.

*Convert Existing Junction Box to Drop Inlet* will be measured and paid in units of each drainage structure that has been acceptably converted.

*Convert Existing Junction Box to Catch Basin* will be measured and paid in units of each drainage structure that has been acceptably converted.

If grates and frames are necessary in converting either catch basins or drop inlets or if frames and covers are necessary for junction boxes, separate payment will be made for the grates and frames or cover and frame in accordance with Section 840.

Such price will include, but is not limited to, excavating, hauling, removal of a portion of the existing structures, disposal of materials, furnishing, transporting, placing backfill material, subsurface drainage, concrete, brick masonry, mortar, grout, reinforcing steel, hardware, casting, miscellaneous metal, fabricating, welding and galvanizing.

Payment will be made under:

Pay Item	Pay Unit
Convert Existing Catch Basin to Junction Box	Each
Convert Existing Catch Basin to Drop Inlet	Each
Convert Existing Catch Basin to Junction Box with Manhole	Each
Convert Existing Drop Inlet to Junction Box	Each
Convert Existing Drop Inlet to Catch Basin	Each
Convert Existing Drop Inlet to Junction Box with Manhole	Each
Convert Existing Junction Box to Drop Inlet	Each
Convert Existing Junction Box to Catch Basin	Each

## SECTION 862 GUARDRAIL

### 862-1 DESCRIPTION

Construct either permanent or temporary steel beam guardrail, in accordance with the contract and at the locations designated in the plans or as directed.

### 862-2 MATERIALS

Refer to Division 10.

Item	Section
Anchors	1046-5
Guardrail and Barrier Delineators	1088-2
Guardrail End Delineation	1088-3
Hardware	1046-4
Organic Zinc Repair Paint	1080-9
Posts and Offset Blocks	1046-3
Rail Elements	1046-2
Select Material, Class VI	1016
Welded Wire Reinforcement	1070-3

Supply material in accordance with the Department's Brand Certification Program for Guardrail.

Temporary guardrail shall be of the type called for in the plans and shall be fabricated from plates that are at least 12 gauge in thickness. Used materials are acceptable for temporary guardrail construction provided their condition is approved.